

## SAFETY DATA SHEET

**SECTION 1 Identification of the substance or preparation and of the company/undertaking**

## 1.1 Product identifier

- Product Name: ACC PLUS
- Product Part Number: 698704 (25 liter)

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/preparation:
- Cleaning agent

## 1.3 Details of the supplier of the safety data sheet

Name of Supplier:

Head Office:

Wilhelmsen Ships Service AS  
Strandveien 20, N1324 Lysaker,  
Norway Tel: (47) 6349 440 35

Supplier:

Wilhelmsen Ships Service AS  
Willem Barentszstraat 50  
3165AB Rotterdam  
Telephone: +31 4877 777  
Fax: +31 4877 888  
The Netherlands

Other suppliers SEE SECTION 16!!!

For quotations contact your local Customer Services

- 
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

## 1.4 Emergency telephone number

Emergency Telephone: -ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+

44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777Australia: +61 3 9630 0998

Giftinformasjonsentralen in Norway Tel.: +47 22591300

Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

**\*\*FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES\*\*****SECTION 2 Hazards identification**

## 2.1 Classification of the substance or mixture

- Classification according to Directive 67/548/EEC or Directive 1999/45EC
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Symbols: Xn
- Risk of serious damage to eyes (R41)
- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)
- 
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations

**SECTION 2 Hazards identification (....)**

- Signal Word: Danger
- Symbols: GHS08, GHS05
- Asp. Tox. 1
- Eye Dam. 1
- May be fatal if swallowed and enters airways (H304).
- Repeated exposure may cause skin dryness or cracking (EUH066).
- Causes serious eye damage (H318).

**2.2 Label elements**

- Signal Word: Danger
- Asp. Tox. 1
- Eye Dam. 1
- 
- Contains:
  - Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
  - 2-(2-Butoksyethoxy)ethanol
  - Fatty alcohol ethoxylate
  - 2-ethylhexanol ethoxilate
- Hazard phrases
  - May be fatal if swallowed and enters airways (H304).
  - Repeated exposure may cause skin dryness or cracking (EUH066).
  - Causes serious eye damage (H318).
- Precautionary Phrases
  - Wear protective gloves/protective clothing/eye protection/face protection (P280).
  - Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
  - IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
  - Immediately call a POISON CENTER or doctor/physician (P310).
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
  - If eye irritation persists: Get medical advice/attention (P337+P313).

**2.3 Other hazards**

- Not applicable
- Not a PBT according to REACH Annex XIII
- Appearance: Liquid, pale yellow, soluble in water
- Odour: Solvent odour

**SECTION 3 Composition/information on ingredients****3.1 Mixtures**

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
  - Concentration: 10-30%
  - CAS Number: Not applicable
  - EC Number: 918-481-9
  - R/H Phrases: R65, R66 - H304, EUH066
  - Symbols: Xn, GHS08
  - Categories: Asp. Tox. 1
  - REACH REG. NO: 01-21194572 73-39-0001
- fatty alcohol ethoxylate
  - Concentration: 10-30%
  - CAS Number: 160875-66-1
  - EC Number: Not applicable

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**SECTION 3 Composition/information on ingredients (....)**

- R/H Phrases: R41 - H318  
Symbols: Xi, GHS05  
Categories: Eye Dam. 1
- 2-,2 (butoxyethoxy)ethanol  
Concentration: 5-10%  
CAS Number: 112-34-5  
EC Number: 203-961-6  
R/H Phrases: R36 - H319  
Symbols: Xi, GHS07  
Categories: Eye Irrit. 2
  - 2-ethylhexanol ethoxylate  
Concentration: 1-5%  
CAS Number: 26468-86-0  
EC Number: Not applicable  
R/H Phrases: R41 - H318  
Symbols: Xi, GHS05  
Categories: Eye Dam. 1
- 

**SECTION 4 First aid measures**

## 4.1 Description of first aid measures

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell (P304+P312).
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give water or milk to drink
- Never give anything by mouth to an unconscious person
- 
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- Seek medical attention if irritation persists
- 
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- If eye irritation persists: Get medical advice/attention (P337+P313).

## 4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- Can cause damage to the eyes

## 4.3 Indication of any immediate medical attention and special treatment needed

- No information available
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**SECTION 5 Fire-fighting measures**

## 5.1 Extinguishing media

- In case of fire: use alcohol resistant foam for extinction (P370+P378)
- In case of fire: use carbon dioxide or dry agent for extinction (P370+P378)
- In case of fire: use water fog for extinction (P370+P378)
- In case of fire: use water for extinction (P370+P378)

## 5.2 Special hazards arising from the substance or mixture

- Non-flammable
  - In case of fire: (P370)
  - Carbon oxides may be formed
  - Carbon dioxide may be formed
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**SECTION 5 Fire-fighting measures (....)**

## 5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
  - Keep container(s) exposed to fire cool, by spraying with water
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**SECTION 6 Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

## 6.2 Environmental Precautions

- Do not flush spilt material into any public water system

## 6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete

## 6.4 Reference to other sections

- See Section 13
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**SECTION 7 Handling and storage**

## 7.1 Precautions for safe handling

- Eyewash bottles should be available
- Do not get in eyes, on skin, or on clothing (P262).

## 7.2 Conditions for safe storage, including any incompatibilities

- Protect from frost

## 7.3 Specific end use(s)

- Contact supplier for further information
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**SECTION 8 Exposure controls/personal protection**

## 8.1 Control parameters

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics  
TLV (TWA) 275 mg/m<sup>3</sup> (
- 2-,2 (butoxyethoxy)ethanol  
CAS:112-34-5  
Lowest vallue:TLV (TWA) 10 ppm, 50mg/m<sup>3</sup>  
European Union: TLV (TWA) 10 ppm, 67,5 mg/m<sup>3</sup>

## 8.2 Exposure controls

- Ensure adequate ventilation

## 8.3 Occupational exposure controls



- Wear goggles giving complete eye protection
  - Wear plastic or rubber gloves
  - No respiratory protection is required unless subject to contact with substance mist
  - Wear suitable respiratory protection. Gas cartridge (organic substances).
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**SECTION 9 Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Odour: Solvent odour
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**SECTION 9 Physical and chemical properties (....)**

- Appearance: Liquid, pale yellow, soluble in water
- pH9.3 - 10.3 at 100 % concentration
- Boiling point ~ 100 °C to 760 °C
- Density 0,925 - 0,935 g/cm<sup>3</sup> at 20 deg C
- pH9,5 - 10,5 at
- Flash point > 61 deg C (CC)
- Lower Flammable Limit: 0,6%
- Upper flammability limit 7%(in air)
- Vapour pressure - not known
- Vapour density - not applicable
- Non-flammable

## 9.2 Other information

- No information available
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**SECTION 10 Stability and reactivity**

## 10.1 Reactivity

- This article is considered stable under normal conditions

## 10.2 Chemical stability

- Considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

## 10.4 Conditions to avoid

- Avoid overheating
- Keep away from frost

## 10.5 Incompatible materials

- None

## 10.6 Hazardous Decomposition Products

- Carbon oxides may be formed
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**SECTION 11 Toxicological information**

## 11.1 Information on toxicological effects

- LD50 (oral, rat) (Alcohol ethoxylate) 300-2000 mg/kg
- LD50 (oral, rat) (Hydrocarbones) >5000 mg/kg

## 11.2 Contact with eyes

- May cause severe irritation
- Can cause damage to the eyes

## 11.3 Contact with skin

- May cause redness and irritation

## 11.4 Ingestion

- The ingestion of significant quantities may cause damage to lungs

## 11.5 Inhalation

- In cases of severe exposure, irritation may develop
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**SECTION 12 Ecological information**

## 12.1 Toxicity

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.
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**SECTION 12 Ecological information (....)**

- LC50 (fish) (Hydrocarbones) >100 mg/l (96 hr)
- LC50 (fish) (2-(2-butoxyethoxy)etanol) 2500 mg/l (96 hr)
- LC50 (fish) (Alcohol ethoxylate) >10-100 mg/l (96 hr)
- LC50 (fish) (2-ethylhexanol ethoxylate) >13 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days >60 % (2-ethylhexanol ethoxylate)

## 12.2 Persistence and degradability

- The components in this product are readily biodegradable.

## 12.3 Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

## 12.4 Mobility in soil

- Completely soluble in water

## 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

## 12.6 Other Adverse Effects

- Not applicable
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**SECTION 13 Disposal considerations**

## 13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point

## 13.2 Classification

- This material and/or its container must be disposed of as hazardous waste
  - EU Waste class: 07.01.01
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**SECTION 14 Transport information**

Not classified as hazardous for transport

## 14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

Not classified as hazardous for transport

## 14.2 Environmental hazards

- Not Classified

## 14.3 Special precautions for user

- Not Classified

## 14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

## 14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

## 14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
  - Proper Shipping Name: Not applicable
  - IMDG Hazard Class: Not applicable
  - IMDG Pack Group.: Not applicable
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**SECTION 14 Transport information (....)**

- IMDG EmS: Not applicable
- 14.7 Air (ICAO/IATA)
- ICAO Un No.: Not applicable
  - Proper Shipping Name: Not applicable
  - ICAO Hazard Class: Not applicable
  - ICAO Packing Group: Not applicable
- 14.8 DOT / CFR (US Department of Transportation)
- Identification Number: Not applicable
  - DOT Proper Shipping Name: Not applicable
  - DOT Labels: Not applicable
  - Product RQ (lbs): Not applicable
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**SECTION 15 Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
  - Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
  - Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
  - This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
  - 
  - Norwegian Productregistration no: 52697
  - Does not contain phosphate.
  - Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents:

- Amphoteric surfactants	<5	%
- Aliphatic hydrocarbons	15-30	%
- Nonionic surfactants	15-30	%
- 15.2 Chemical Safety Assessment
- None
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**SECTION 16 Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH066: Repeated exposure may cause skin dryness or cracking. H304: May be fatal if swallowed and enters airways. H318: Causes serious eye damage. H319: Causes serious eye irritation. R36: Irritating to eyes. R41: Risk of serious damage to eyes. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

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**SECTION 16 Other information (....)**

The most up-to-date version of this MSDS can be found on [www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

**OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES**

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